Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] What is claimed is:

1.A connection cable comprising:

an integral connector, comprising a first set of pins, a second set of pins, and a third set of pins;

a first set of transmission lines connected to the first set of pins;

a second set of transmission lines connected to the second set of pins;

a third set of transmission lines connected to the third set of pins;

an audio-L connector and an audio-R connector, both of which are connected to the first set of transmission lines;

a first video signal connector connected to the second set of transmission lines; and

a second video signal connector connected to the third set of transmission lines.

[c2] 2.The connection cable of claim 1 further comprising a fourth set of transmission lines and a third video signal connector connected to the fourth set of transmission lines, wherein the integral connector further comprises a fourth set of pins connected to the fourth transmission

lines.

[c3] 3.The connection cable of claim 2, wherein the third video signal is selected from one of three signals in a group consisting of a composite video signal, a component video signal, and a S video signal.

[c4] 4.The connection cable of claim 1, wherein the first video signal is selected from one of three signals in a group consisting of a composite video signal, a component video signal, and a S video signal.

[c5] 5.The connection cable of claim 1, wherein the second video signal is selected from one of three signals in a group consisting of a composite video signal, a component video signal, and a S video signal.

[c6] 6.The connection cable of claim 1, wherein the integral connector is a D-sub connector.

[c7] 7.A connection cable comprising:
an integral connector, comprising a first set of pins, a second set of pins, a third set of pins, and a fourth set of pins;
a first set of transmission lines connected to the first set of pins;
a second set of transmission lines connected to the second set of pins;

a third set of transmission lines connected to the third set of pins;

a fourth set of transmission lines connected to the fourth set of pins;

an audio signal connector connected to the first set of transmission lines;

a component video signal connector connected to the second set of transmission lines;

a S video signal connector connected to the third set of transmission lines; and

a composite video signal connector connected to the fourth set of transmission lines.

[c8] 8.The connection cable of claim 7, wherein the connector is a D-sub connector.

[c9] 9.The connection cable of claim 1, wherein the first, second, third, and fourth set of pins are integrated into the integral connector simultaneously.

[c10] 10.A connection cable comprising:

a D-sub connector, comprising a first set of pins and a second set of pins;

a first set of transmission lines connected to the first set of pins;

a second set of transmission lines connected to the second set of pins;

an audio-L connector and an audio R connector, both of which are connected to the first set of transmission lines; and

a video signal connector connected to the second set of transmission lines for transmitting either a S video signal or a composite video signal.

[c11] 11.An Audio/Video device (A/V device) capable of receiving an audio signal, a first video signal, and a second video signal, the A/V device comprising:

a connector, which comprises:

a first set of pins for transmitting the audio signal; and

a second set of pins and a third set of pins for transmitting the first and second video signals respectively;

wherein the first and second video signals are selected from two of three signals in a group consisting of a component video signal, a S video signal, and a composite video signal.

[c12] 12.The A/V device of claim 11, wherein the connector further comprises a fourth set of pins for transmitting a third video signal.

[c13] 13.The A/V device of claim 12, wherein the first set of pins transmits the audio signal, the second set of pins transmits the component video signal, the third set of pins transmits the S video signal, and the fourth set of

pins transmits the composite video signal.